

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number  
**WO 2004/030365 A1**

(51) International Patent Classification<sup>7</sup>: **H04N 7/20**, H04H 1/00

(21) International Application Number:  
**PCT/IB2003/050001**

(22) International Filing Date: 25 August 2003 (25.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02078954.1 24 September 2002 (24.09.2002) EP

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

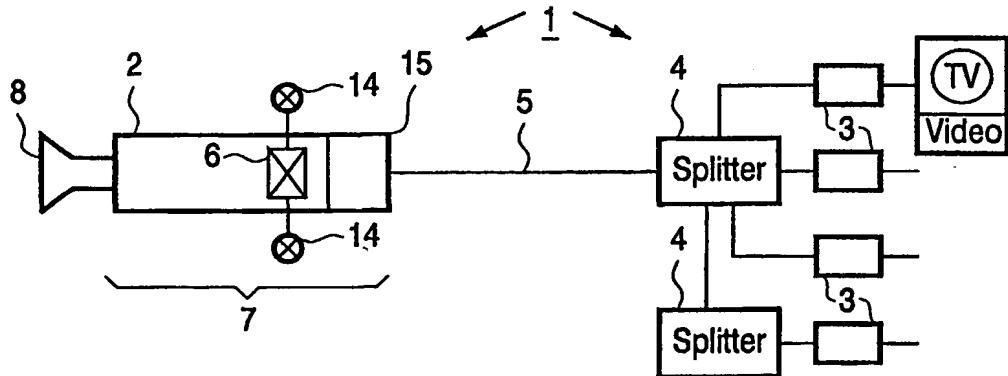
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HEAD END HAVING A LOW NOISE CONVERTER WITH CHANNEL PRESELECTING FREQUENCY MULTIPLEXOR



**(57) Abstract:** A head end (7) comprises a low noise converter (2) for providing signal bands including channels to one or more user units (3). The low noise converter is arranged as a low noise channel converter (2), which includes frequency multiplexing means (6) for multiplexing one or more user pre-selected channels to the user units (3). By effecting pre-selection in the low noise channel converter (2) the connection between the head end (7) and the user units (3) only contains a single communication medium (5), generally an already installed coaxial cable (5). Wanted channels for example for watching one television program and simultaneously recording another program are pre-selected and at the side of the low noise block put on the one cable.

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